



June 4, 2019

Ms. Loree McKee
Air Quality Specialist
811 Main Street, Suite 3200
Houston, TX 77002

Re: NSPS OOOOa – Semi-Annual Report – Period 01 2019

Dear Ms. McKee:

The Bear Den Gas Plant owned by Crestwood Equity Partners, LP. is subject to the equipment leak standards in 40 CFR Part 60, Subpart OOOOa. Subpart OOOOa requires sources subject to the provisions to submit semi-annual reports to the Administrator in accordance with 40 CFR Part 60, Subpart VVa. Enclosed is the semi-annual report, for the period December 1, 2018 through May 31, 2019 that includes the required information identified under Section 60.487a of Subpart VVa.

Please call me at (218) 340-2195 or todd@insightenv.com if you have any questions regarding this report.

Sincerely,

A handwritten signature in black ink that reads 'Todd Morrison'.

Todd Morrison
Compliance Specialist
Insight Environmental, Inc.

Encl.

Compliance Component Summary (R800)

Report Date: 6/4/2019

Report Parameters

Regulation: EPA60-O000

Compliance Group: All Compliance Groups

Reporting Period: 12/1/2018 - 5/31/2019



EPA60-O000 : CRESTWOOD BEAR DEN

Class	Chemical State	Category	Design	Exempt	Count
CLVS-H	GV	Normal	Normal	No	15
CLVS-H	GV	Normal	Normal	Yes	351
CLVS-H	LLG	Normal	Normal	Yes	1
COMPR	GV	Normal	Normal	Yes	12
CONECT	GV	Normal	Normal	No	5,642
CONECT	GV	Normal	Normal	Yes	64
CONECT	GV	Unsafe	Normal	No	1
CONECT	LL	Normal	Normal	No	2,182
CONECT	LL	Normal	Normal	Yes	5
CONECT	LL	Unsafe	Normal	No	1
CONECT	LLG	Normal	Normal	No	251
PUMP	LL	Normal	Normal	No	12
RELIEF	GV	Normal	Normal	Yes	91
RELIEF	GV	Unsafe	Normal	Yes	4
VALVE	GV	Normal	Normal	No	647
VALVE	GV	Unsafe	Normal	No	17
VALVE	LL	Normal	Normal	No	666
VALVE	LL	Unsafe	Normal	No	13
VALVE	LLG	Normal	Normal	No	82
					10,057
Grand Total					10,057

**Report Parameters**

Regulation: EPA60-0000

Unit: CRESTWOOD BEAR DEN

Connectors Included

Reporting Period: 12/1/2018 - 5/31/2019

Unit: CRESTWOOD BEAR DEN

	Month	Active Count	M21 Leaks	Late Repairs	Delayed	Added	Deleted
COMPR							
	DECEMBER	10	0	0	0	0	0
	JANUARY	10	0	0	0	0	0
	FEBRUARY	11	0	0	0	1	0
	MARCH	11	0	0	0	0	0
	APRIL	11	0	0	0	0	0
	MAY	11	0	0	0	0	0
CONECT							
	DECEMBER	7847	0	0	0	0	0
	JANUARY	7847	1	0	0	0	0
	FEBRUARY	7847	0	0	1	0	0
	MARCH	7886	0	0	0	39	0
	APRIL	8077	2	0	1	191	29
	MAY	8048	0	0	0	0	0
PUMP							
	DECEMBER	12	0	0	0	0	0
	JANUARY	12	0	0	0	0	0
	FEBRUARY	12	0	0	0	0	0
	MARCH	12	0	0	0	0	0
	APRIL	12	0	0	0	0	0
	MAY	12	0	0	0	0	0
VALVE							
	DECEMBER	1284	0	0	0	0	0
	JANUARY	1285	4	0	0	1	0
	FEBRUARY	1351	3	0	1	66	0
	MARCH	1351	0	0	0	0	0
	APRIL	1425	15	0	2	74	24

**Report Parameters**

Regulation: EPA60-0000

Unit: CRESTWOOD BEAR DEN

Connectors Included

Reporting Period: 12/1/2018 - 5/31/2019

MAY	1401	0	0	3	0	0
		25	0	8	372	53

Repair Delayed History (R323)



Report Date: 6/4/2019

Report Parameters

Unit: CRESTWOOD BEAR DEN Area: All Areas
 Regulation: EPA60-O000 Tag#: All Tags
 Class: All Component Classes Leak Option: All Leaks

Reporting Period: 12/1/2018 - 5/31/2019

Regulation: EPA60-O000

UNIT: CRESTWOOD BEAR DEN

Tag#:	Class	Location	Area:	Insp. Date	Insp. PPM	Ref. Number	Date On Delay	Reason For Delay	Can't Repair SD	Unit SD Req.	Approved By	Exp. Repair Date:	Date Off Delay:	Date WR Closed
00670	VALVE	RJST SKID - S of E-5105 - LVL 2 - G1	REFRIGERATION	2/16/18	11604		3/1/18	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Crestwood Ops (Josh)	12/31/19		
01284D	CONEC T	COMPR BUILDING - ON N SIDE OF LCP2102 INLET GAS COMPR E OF SCRUBBER - LVL 1 G1		3/26/18	584		4/10/18	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Fielding Lewis	12/31/19		
01219N	CONEC T	COMPR BUILDING - ON NW CRNR OF LCP2101 INLET GAS COMPR OFF E SIDE OF SUCTION SCRUBBER - LVL 1 G2		3/26/18	12620		4/10/18	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Fielding Lewis	12/31/19		
01240F	CONEC T	COMPR BUILDING - 8FT NE OF LCP2102 INLET GAS COMPR ON E SIDE OF SCRUBBER - G6		3/28/18	61054		4/12/18	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Fielding Lewis	12/31/19		
00516	VALVE	RJT SKID - OFF E SIDE OF V-5122 GLYCOL SEPARATOR - LVL 1- G-1	REFRIGERATION	4/19/18	20648		5/4/18	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ	Yes		Per Fielding Lewis	12/31/19		
00068A	CONEC T	TK-8105 - N End of Bullet Near Top - G-25	NGL PRODUCT STORAGE	5/4/18	7891		5/18/18	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ	Yes		Per Josh Winter	12/31/19		
00070A	CONEC T	TK-8103 - N End of Bullet Near Top - G-25	NGL PRODUCT STORAGE	5/4/18	18865		5/18/18	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ	Yes		Per Josh Winter	12/31/19		
00071A	CONEC T	TK-8102 - N End of Bullet Near Top - G-25	NGL PRODUCT STORAGE	5/4/18	3251		5/18/18	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ	Yes		Per Josh Winter	12/31/19		

This report produced using Orr LeakDAS software.

Repair Delayed History (R323)



Report Date: 6/4/2019

Report Parameters

Unit: CRESTWOOD BEAR DEN Area: All Areas
 Regulation: EPA60-O000 Tag#: All Tags
 Class: All Component Classes Leak Option: All Leaks

Reporting Period: 12/1/2018 - 5/31/2019

Regulation: EPA60-O000

UNIT: CRESTWOOD BEAR DEN

Tag#:	Class	Location	Area:	Insp. Date	Insp. PPM	Ref. Number	Date On Delay	Reason For Delay	Can't Repair SD	Unit SD Req.	Approved By	Exp. Repair Date:	Date Off Delay:	Date WR Closed
00081B	CONEC T	TK-8103 - S End Side of Bullet - G-25	NGL PRODUCT STORAGE	5/4/18	11067		5/18/18	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ	Yes		Per Josh Winter	12/31/19		
00134	RELIEF	CONDENSATE STORAGE -ENARDO ABV TANKS ON WALKWAY-LVL 1 G6		5/9/18	2382		5/14/18	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Dylan Grace	12/31/19		
00496	VALVE	RJT SKID - BLW NORTH SIDE OF E-5120 CHILLER - LVL 1- G-2	REFRIGERATION	6/14/18	2691		6/19/18	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Josh Winter	12/31/19		
00615	VALVE	RJT SKID - OFF NW SIDE OF E-7145 STABILIZER REBOILER - LVL 1- G-8	REFRIGERATION	6/19/18	2471		7/4/18	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ	Yes		Per Fielding Lewis	12/31/19		
01031C	CONEC T	COMPR BUILDING - OH COALESCER - S Side - G1		6/29/18	13608		7/14/18	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Fielding Lewis	1/31/19	12/11/18	12/11/18
01032C	CONEC T	COMPR BUILDING - OH COALESCER - S Side - G3		6/29/18	37003		7/14/18	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Fielding Lewis	1/31/19	12/11/18	12/11/18
00178A	CONEC T	PLG ABV N of P-5161 - G-1	NGL PRODUCT STORAGE	7/9/18	8451		7/23/18	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Fielding Lewis	12/31/19		
00025A	CONEC T	TK-8103 - Underneath N Side - G-8	NGL PRODUCT STORAGE	7/9/18	530		7/24/18	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Fielding Lewis	12/31/19		

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Repair Delayed History (R323)



Report Date: 6/4/2019

Report Parameters

Unit: CRESTWOOD BEAR DEN Area: All Areas
 Regulation: EPA60-OOOO Tag#: All Tags
 Class: All Component Classes Leak Option: All Leaks

Reporting Period: 12/1/2018 - 5/31/2019

Regulation: EPA60-OOOO

UNIT: CRESTWOOD BEAR DEN

Tag#:	Class	Location	Area:	Insp. Date	Insp. PPM	Ref. Number	Date On Delay	Reason For Delay	Can't Repair SD	Unit Req.	Approved By	Exp. Repair Date:	Date Off Delay:	Date WR Closed
00178A	CONEC T	PLG ABV N of P-5161 - G-1	NGL PRODUCT STORAGE	7/12/18	11080		7/27/18	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Fielding Lewis	12/31/19		
00041D	CONEC T	TK-8104 - N Side - G-7	NGL PRODUCT STORAGE	8/1/18	13006		8/16/18	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Fielding Lewis	2/28/19	1/24/19	1/24/19
00052E	CONEC T	TK-8105 - N Side - G-7	NGL PRODUCT STORAGE	8/1/18	18637		8/16/18	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Fielding Lewis	12/31/19		
00065E	CONEC T	TK-8106 - N Side - G-7	NGL PRODUCT STORAGE	8/1/18	9676		8/16/18	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Fielding Lewis	12/31/19		
00487A	CONEC T	RJT SKID - W SIDE OF E-5120 CHILLER - REFRIG RECLAIMER - LVL 1- G-3	REFRIGERATION	8/1/18	2824		8/16/18	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Fielding Lewis	12/31/19		
01239C	CONEC T	COMPR BUILDING - ON N END OF LCP2102 INLET GAS COMPR - LVL 1 G0		8/1/18	2868		8/16/18	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Fielding Lewis	2/28/19	1/24/19	1/24/19
01012B	CONEC T	COMPR BUILDING - OH COALESCER - N SIDE - G1		9/12/18	944		9/27/18	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Fielding Lewis	12/31/19		
00228.02	VALVE	VRU 2401 - 3FT SW OF VRU 2401 - G-1	VAPOR RECOVERY UNIT	10/18/18	13288		11/2/18	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Shutdown required per Bear Den Operations	12/31/19		

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Repair Delayed History (R323)



Report Date: 6/4/2019

Report Parameters

Unit: CRESTWOOD BEAR DEN Area: All Areas
 Regulation: EPA60-O000 Tag#: All Tags
 Class: All Component Classes Leak Option: All Leaks

Reporting Period: 12/1/2018 - 5/31/2019

Regulation: EPA60-O000

UNIT: CRESTWOOD BEAR DEN

Tag#:	Class	Location	Area:	Insp. Date	Insp. PPM	Ref. Number	Date On Delay	Reason For Delay	Can't Repair SD	Unit Req.	Approved By	Exp. Repair Date:	Date Off Delay:	Date WR Closed
01400	VALVE	TRUCK LOADOUT - WEST SIDE OF TRUCK LOAD OUT - G5	TRUCK LOADOUT	10/23/18	1097		11/7/18	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Fielding Lewis	12/31/19		
01425	VALVE	TRUCK LOADOUT - EAST SIDE OF TRUCK LOAD OUT - G3	TRUCK LOADOUT	10/23/18	1111		11/7/18	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Fielding Lewis	12/31/19		
00812	VALVE	REFRIGERATOR COMPRESSION - C-6122 COMPRESSOR - WEST SIDE - G4	REFRIGERATION	1/21/19	30126		2/5/19	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Operations	8/31/19		
00830A	CONEC T	REFRIGERATOR COMPRESSION - C-6121 COMPRESSOR - NORTH SIDE - G9	REFRIGERATION	1/21/19	60096		2/5/19	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Operations	8/31/19		
00743	VALVE	RJT SKID - OFF W SIDE OF V-6110 REFRIG ECONOMIZER - LVL 2 G1	REFRIGERATION	4/15/19	2614		4/30/19	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Maintenance	10/31/19		
00752B	CONEC T	RJT SKID - OFF E SIDE OF V-6110 REFRIG ECONOMIZER - LVL 2 G0	REFRIGERATION	4/15/19	21175		4/30/19	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Maintenance	10/31/19		
00475.2	VALVE	INLET COMPR #4-1" BLKV ON W SIDE OF #4 INLET COMPR 3RD STAGE SUCTION SCRBR 1/3	COMPRESSION	4/15/19	532		4/30/19	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Maintenance	10/31/19		
01140	VALVE	OVERHEAD COMPRESSION - WEST SIDE OF LCP-2301 COMPRESSOR - G6		4/17/19	1407		5/2/19	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Operations	11/30/19		

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Repair Delayed History (R323)

Report Date: 6/4/2019



Report Parameters

Unit: CRESTWOOD BEAR DEN Area: All Areas
 Regulation: EPA60-OOOO Tag#: All Tags
 Class: All Component Classes Leak Option: All Leaks

Reporting Period: 12/1/2018 - 5/31/2019

Regulation: EPA60-OOOO

UNIT: CRESTWOOD BEAR DEN

Tag#:	Class	Location	Area:	Insp. Date	Insp. PPM	Ref. Number	Date On Delay	Reason For Delay	Can't Repair SD	Unit Req.	Approved By	Exp. Repair Date:	Date Off Delay:	Date WR Closed
01176	VALVE	INLET COMPRESSION - EAST SIDE OF LCP-2101A COMPRESSOR - LVL 1 - G0		4/22/19	1844		5/6/19	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Operations	11/30/19		
00186.0 1	VALVE	1" BLKV 5FT N of P-5161 PUMP - G4	NGL PRODUCT STORAGE	4/22/19	521		5/6/19	Repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occ			Per Operations	11/30/19		